

# Baltimore County HIV/AIDS Epidemiological Profile

Fourth Quarter 2008

Data reported through December 31, 2008



Center for HIV Surveillance and Epidemiology  
Infectious Disease and Environmental Health Administration  
Maryland Department of Health and Mental Hygiene  
<http://eh.dhmmh.md.gov/ideah/default.aspx>  
1-800-358-9001



## HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 became law on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located using DHMH Form 1140.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department using DHMH Form 1140.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located using DHMH Form 1140.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (HIV antibody tests, CD4 immunological tests, HIV viral load tests, HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the State Health Department, using DHMH Form 4492.

**For assistance with HIV reporting**, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance and Epidemiology at the Maryland Department of Health and Mental Hygiene (410-767-5061).

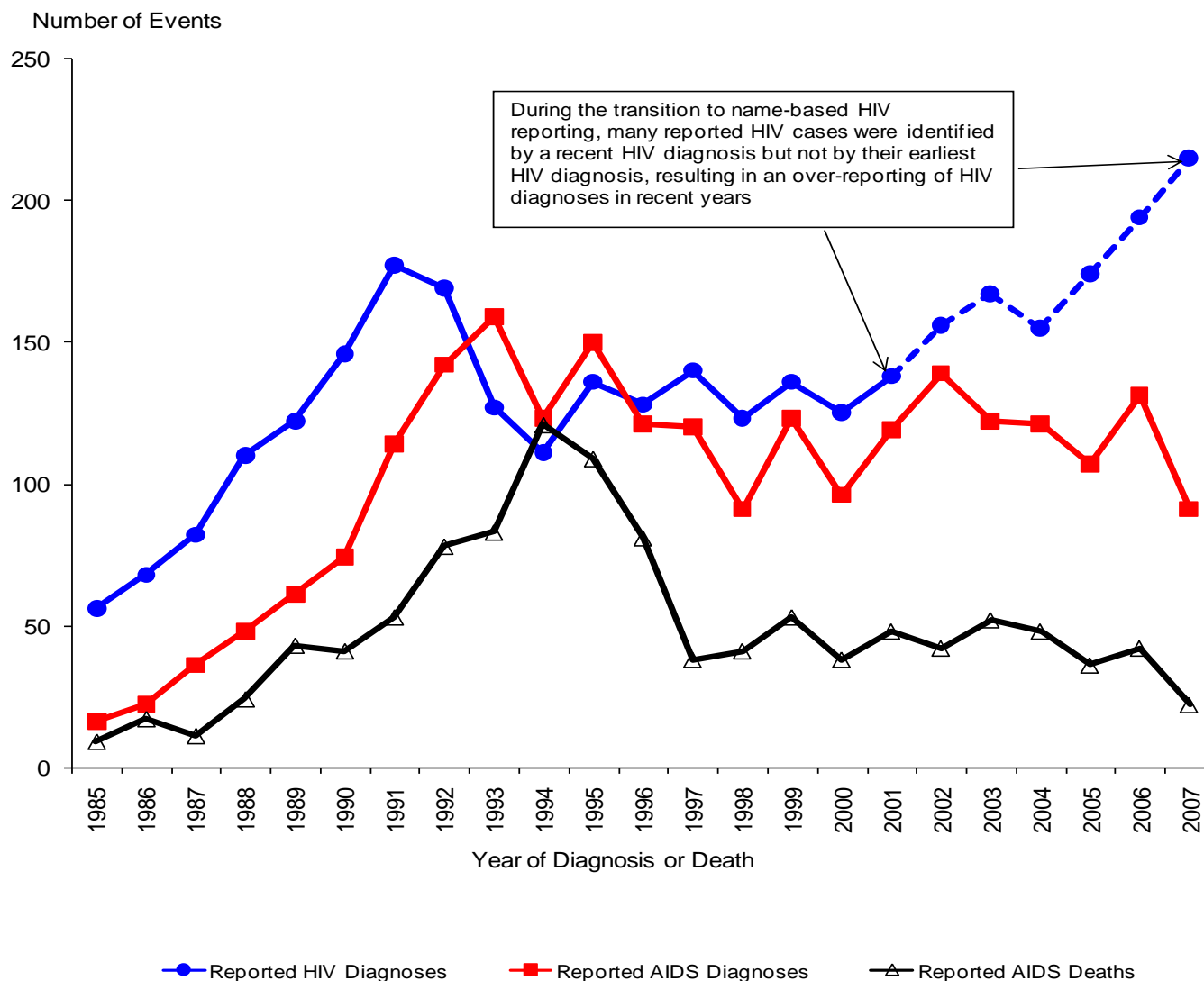
## Changes in the HIV/AIDS Epidemiological Profile

Despite a massive effort during which over 17,000 HIV cases were reported from April 24, 2007 through December 31, 2008, not all HIV cases previously reported by the code-based identifier were located and re-reported by name, so the number of living HIV cases is lower than previously reported. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an over-reporting of HIV diagnoses in recent years.

This epidemiological profile has been expanded and modified from prior profiles, and only contains HIV and AIDS data as reported by name. There is greater use of rates and population ratios and more exposure category data. The terminology has been changed to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence.

## Section I – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2007

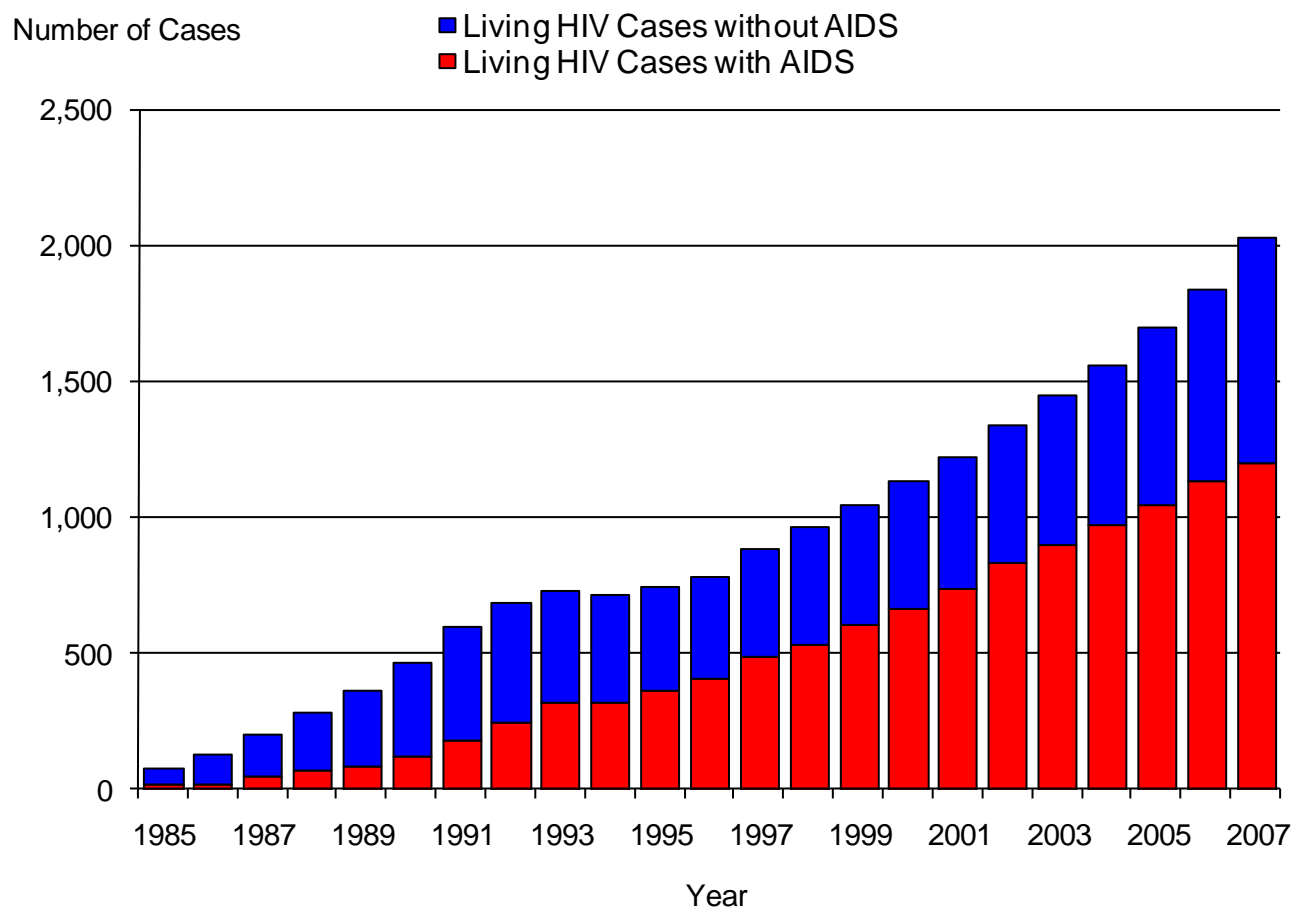
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2007 as Reported by Name through 12/31/08.



YEAR	Reported			YEAR	Reported			YEAR	Reported		
	HIV Diag.	AIDS Diag.	AIDS Death		HIV Diag.	AIDS Diag.	AIDS Death		HIV Diag.	AIDS Diag.	AIDS Death
1985	56	16	9	1993	127	159	83	2001	138	119	48
1986	68	22	17	1994	111	123	121	2002	156	139	42
1987	82	36	11	1995	136	150	109	2003	167	122	52
1988	110	48	24	1996	128	121	81	2004	155	121	48
1989	122	61	43	1997	140	120	38	2005	174	107	36
1990	146	74	41	1998	123	91	41	2006	194	131	42
1991	177	114	53	1999	136	123	53	2007	215	91	22
1992	169	142	78	2000	125	96	38				

## Section II – Trends in Living HIV and AIDS Cases, 1985-2007

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year from 1985 through 2007 as Reported by Name through 12/31/08

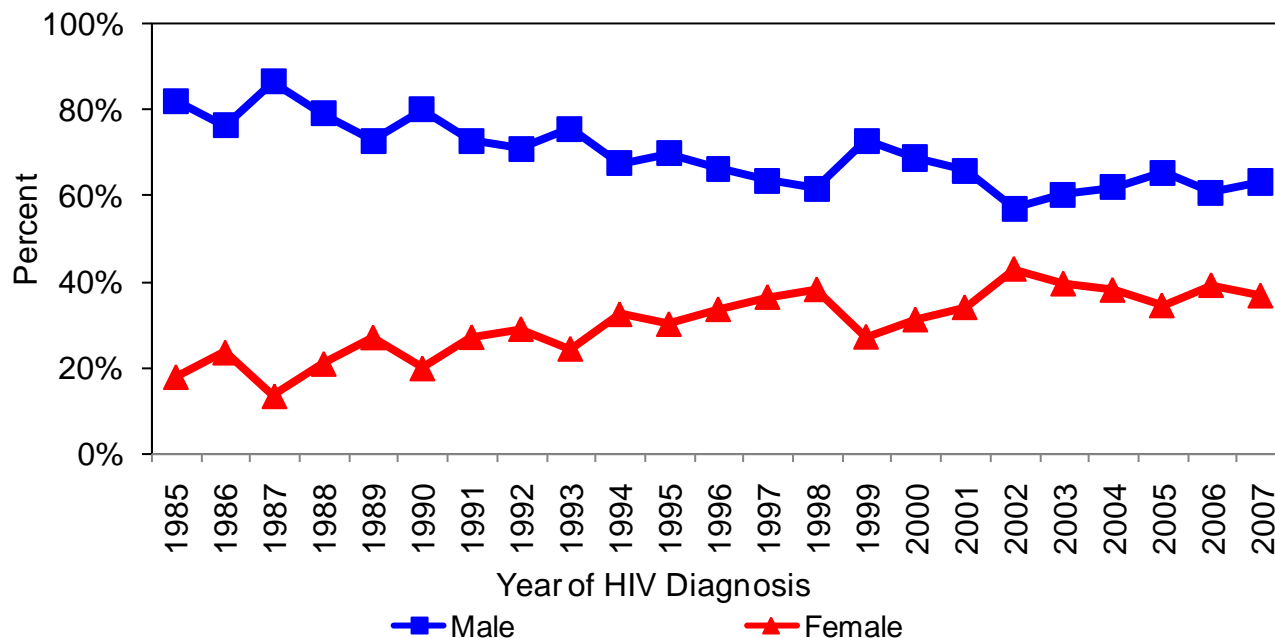


YEAR	Living HIV Cases without AIDS*	Living HIV Cases with AIDS	Total Living HIV Cases*	YEAR	Living HIV Cases without AIDS*	Living HIV Cases with AIDS	Total Living HIV Cases*
1985	62	10	72	1997	398	481	879
1986	108	15	123	1998	427	531	958
1987	154	40	194	1999	442	601	1,043
1988	216	64	280	2000	469	659	1,128
1989	277	82	359	2001	487	730	1,217
1990	350	115	465	2002	505	827	1,332
1991	415	176	591	2003	547	897	1,444
1992	445	240	685	2004	586	970	1,556
1993	408	316	724	2005	652	1,041	1,693
1994	396	318	714	2006	708	1,130	1,838
1995	379	359	738	2007	830	1,199	2,029
1996	380	399	779				

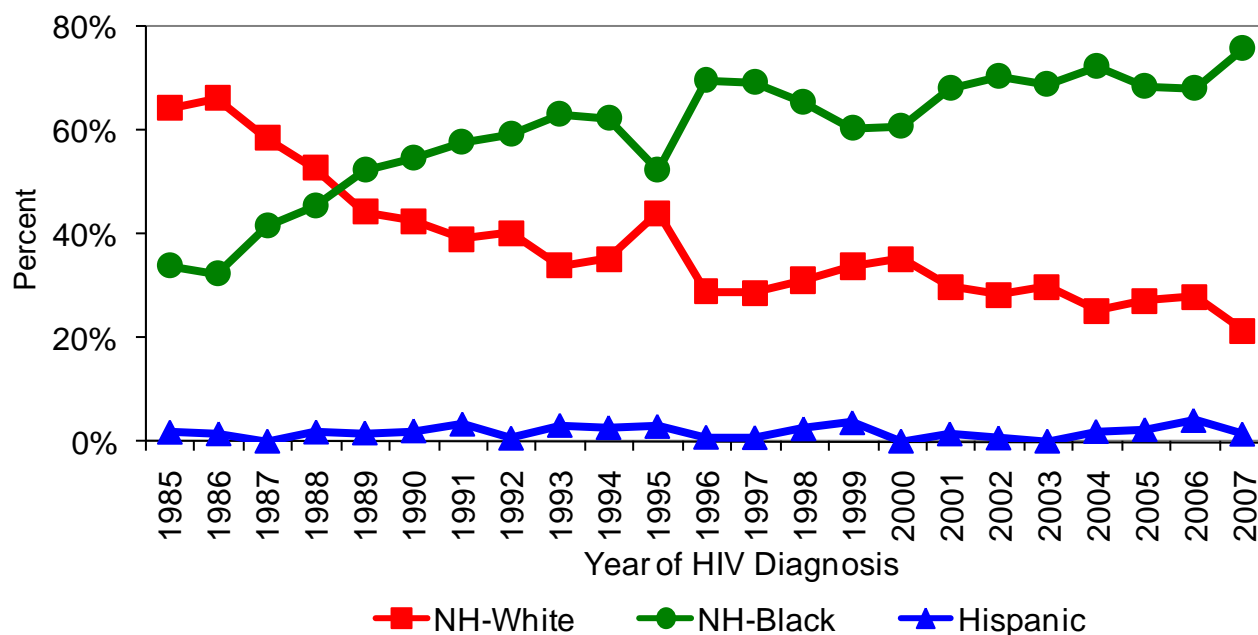
\* During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

### Section III – Trends in Reported HIV Diagnoses by Demographics and Exposure Category, 1985-2007

Proportions by Gender of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2007 as Reported by Name through 12/31/08

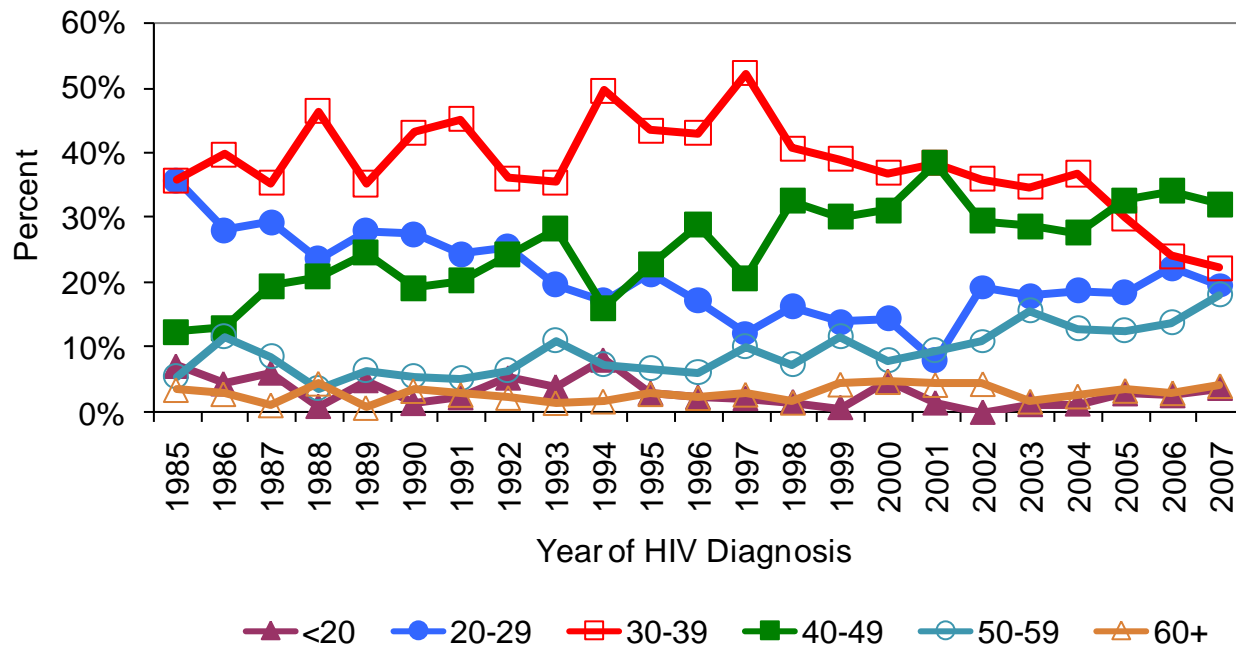


Proportions by Race/Ethnicity\* of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2007 as Reported by Name through 12/31/08

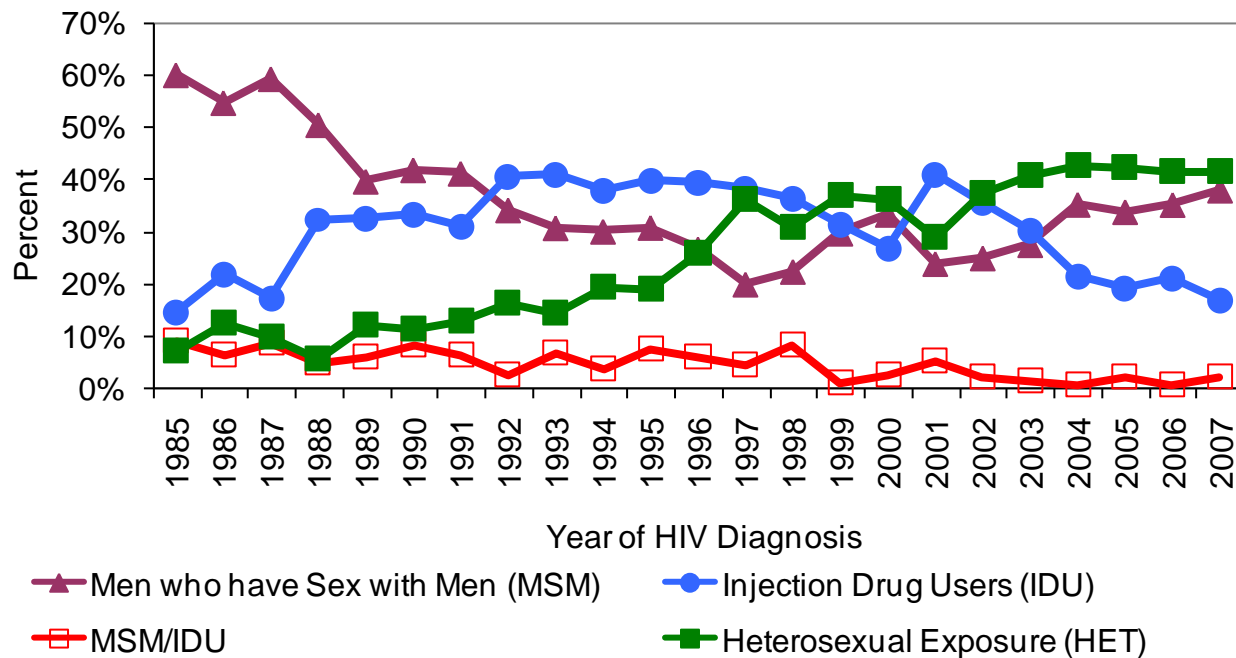


\* Cases with missing race/ethnicity were excluded from percent distributions. Other race category not shown.

**Proportions by Age at Diagnosis of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2007 as Reported by Name through 12/31/08**



**Proportions by Exposure Category\* of Reported HIV Cases with or without an AIDS Diagnosis and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2007 as Reported by Name through 12/31/08**



\* Cases with no reported exposure category were excluded from percent distributions. Other exposure category not shown.

## Section IV – HIV and AIDS Case Diagnoses by ZIP Code, 2007

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/07-12/31/07 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/07-12/31/07 (Reported AIDS Diagnoses) as Reported by Name through 12/31/08

ZIP CODE	Population <sup>a</sup>	Reported HIV Diagnoses <sup>b</sup>			Reported AIDS Diagnoses		
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>
21013	2,948	0	0.0%	0.0	0	0.0%	0.0
21030	24,317	6	2.8%	24.7	2	2.2%	8.2
21031	62	0	0.0%	0.0	0	0.0%	0.0
21043	647	0	0.0%	0.0	0	0.0%	0.0
21051	73	0	0.0%	0.0	1	1.1%	1,369.9
21052	380	0	0.0%	0.0	0	0.0%	0.0
21053	2,967	1	0.5%	33.7	0	0.0%	0.0
21057	4,317	0	0.0%	0.0	0	0.0%	0.0
21071	442	0	0.0%	0.0	0	0.0%	0.0
21074	1,047	0	0.0%	0.0	0	0.0%	0.0
21082	863	0	0.0%	0.0	0	0.0%	0.0
21085	28	0	0.0%	0.0	0	0.0%	0.0
21087	4,769	0	0.0%	0.0	0	0.0%	0.0
21093	35,922	3	1.4%	8.4	0	0.0%	0.0
21102	699	0	0.0%	0.0	0	0.0%	0.0
21104	157	0	0.0%	0.0	0	0.0%	0.0
21105	83	0	0.0%	0.0	0	0.0%	0.0
21111	4,482	0	0.0%	0.0	0	0.0%	0.0
21117	43,143	15	7.1%	34.8	6	6.7%	13.9
21120	6,837	0	0.0%	0.0	0	0.0%	0.0
21128	6,983	3	1.4%	43.0	2	2.2%	28.6
21131	7,981	0	0.0%	0.0	0	0.0%	0.0
21133	29,719	25	11.8%	84.1	13	14.4%	43.7
21136	30,472	7	3.3%	23.0	2	2.2%	6.6
21152	5,311	0	0.0%	0.0	0	0.0%	0.0
21155	2,175	0	0.0%	0.0	0	0.0%	0.0
21156	472	0	0.0%	0.0	0	0.0%	0.0
21161	2,520	0	0.0%	0.0	0	0.0%	0.0
21162	2,999	0	0.0%	0.0	0	0.0%	0.0
21163	2,068	1	0.5%	48.4	1	1.1%	48.4
21204	21,000	3	1.4%	14.3	0	0.0%	0.0
21206	11,232	0	0.0%	0.0	0	0.0%	0.0
21207	34,593	9	4.3%	26.0	6	6.7%	17.3
21208	31,146	11	5.2%	35.3	3	3.3%	9.6
21209	12,990	0	0.0%	0.0	0	0.0%	0.0
21210	918	0	0.0%	0.0	0	0.0%	0.0
21212	11,347	0	0.0%	0.0	0	0.0%	0.0
21215	2,703	0	0.0%	0.0	0	0.0%	0.0
21219	9,562	0	0.0%	0.0	0	0.0%	0.0
21220	38,079	17	8.1%	44.6	3	3.3%	7.9
21221	44,347	13	6.2%	29.3	8	8.9%	18.0
21222	55,836	11	5.2%	19.7	5	5.6%	9.0
21224	8,768	0	0.0%	0.0	0	0.0%	0.0
21227	34,625	5	2.4%	14.4	3	3.3%	8.7
21228	50,307	11	5.2%	21.9	4	4.4%	8.0
21229	7,085	0	0.0%	0.0	0	0.0%	0.0
21234	63,137	25	11.8%	39.6	10	11.1%	15.8
21236	39,195	5	2.4%	12.8	1	1.1%	2.6
21237	26,425	9	4.3%	34.1	8	8.9%	30.3
21239	5,134	0	0.0%	0.0	0	0.0%	0.0
21244	32,957	28	13.3%	85.0	10	11.1%	30.3
21286	19,561	3	1.4%	15.3	2	2.2%	10.2

Missing <sup>d</sup>		4			1		
BALTIMORE COUNTY TOTAL	785,830	215	100.0%	27.4	91	100.0%	11.6

- a Population is extrapolated from the 2000 Census by ZIP and the July 1, 2007 Census Population Estimates by county
- b During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years
- c Rate is number of cases per 100,000 population
- d Cases with missing jurisdiction were excluded from percent distributions

## Section V – Living HIV and AIDS Cases by ZIP Code, Alive on 12/31/2007

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

ZIP CODE	Popu- lation <sup>a</sup>	Living HIV Cases without AIDS <sup>b</sup>			Living HIV Cases with AIDS			Total Living HIV Cases <sup>b</sup>			
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	Ratio <sup>d</sup> (1 in X)
21013	2,948	1	0.1%	33.9	0	0.0%	0.0	1	0.0%	33.9	2,948
21030	24,317	19	2.3%	78.1	30	2.5%	123.4	49	2.4%	201.5	496
21031	62	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21043	647	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21051	73	0	0.0%	0.0	1	0.1%	1,369.9	1	0.0%	1,369.9	73
21052	380	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21053	2,967	3	0.4%	101.1	3	0.3%	101.1	6	0.3%	202.2	494
21057	4,317	2	0.2%	46.3	0	0.0%	0.0	2	0.1%	46.3	2,158
21071	442	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21074	1,047	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21082	863	0	0.0%	0.0	1	0.1%	115.9	1	0.0%	115.9	863
21085	28	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21087	4,769	1	0.1%	21.0	2	0.2%	41.9	3	0.1%	62.9	1,589
21093	35,922	9	1.1%	25.1	17	1.4%	47.3	26	1.3%	72.4	1,381
21102	699	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21104	157	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21105	83	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21111	4,482	3	0.4%	66.9	1	0.1%	22.3	4	0.2%	89.2	1,120
21117	43,143	46	5.6%	106.6	68	5.7%	157.6	114	5.7%	264.2	378
21120	6,837	2	0.2%	29.3	1	0.1%	14.6	3	0.1%	43.9	2,279
21128	6,983	4	0.5%	57.3	3	0.3%	43.0	7	0.3%	100.2	997
21131	7,981	3	0.4%	37.6	4	0.3%	50.1	7	0.3%	87.7	1,140
21133	29,719	61	7.5%	205.3	106	8.9%	356.7	167	8.3%	561.9	177
21136	30,472	33	4.0%	108.3	23	1.9%	75.5	56	2.8%	183.8	544
21152	5,311	3	0.4%	56.5	4	0.3%	75.3	7	0.3%	131.8	758
21155	2,175	1	0.1%	46.0	0	0.0%	0.0	1	0.0%	46.0	2,175
21156	472	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21161	2,520	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21162	2,999	1	0.1%	33.3	1	0.1%	33.3	2	0.1%	66.7	1,499
21163	2,068	1	0.1%	48.4	2	0.2%	96.7	3	0.1%	145.1	689
21204	21,000	20	2.4%	95.2	19	1.6%	90.5	39	1.9%	185.7	538
21206	11,232	4	0.5%	35.6	7	0.6%	62.3	11	0.5%	97.9	1,021
21207	34,593	46	5.6%	133.0	121	10.2%	349.8	167	8.3%	482.8	207
21208	31,146	38	4.7%	122.0	65	5.5%	208.7	103	5.1%	330.7	302
21209	12,990	2	0.2%	15.4	9	0.8%	69.3	11	0.5%	84.7	1,180
21210	918	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21212	11,347	1	0.1%	8.8	2	0.2%	17.6	3	0.1%	26.4	3,782
21215	2,703	1	0.1%	37.0	0	0.0%	0.0	1	0.0%	37.0	2,703
21219	9,562	6	0.7%	62.7	14	1.2%	146.4	20	1.0%	209.2	478
21220	38,079	49	6.0%	128.7	50	4.2%	131.3	99	4.9%	260.0	384
21221	44,347	80	9.8%	180.4	99	8.3%	223.2	179	8.9%	403.6	247
21222	55,836	78	9.5%	139.7	102	8.6%	182.7	180	9.0%	322.4	310
21224	8,768	1	0.1%	11.4	8	0.7%	91.2	9	0.4%	102.6	974
21227	34,625	27	3.3%	78.0	57	4.8%	164.6	84	4.2%	242.6	412
21228	50,307	32	3.9%	63.6	69	5.8%	137.2	101	5.0%	200.8	498
21229	7,085	2	0.2%	28.2	8	0.7%	112.9	10	0.5%	141.1	708
21234	63,137	77	9.4%	122.0	89	7.5%	141.0	166	8.3%	262.9	380
21236	39,195	18	2.2%	45.9	24	2.0%	61.2	42	2.1%	107.2	933
21237	26,425	26	3.2%	98.4	43	3.6%	162.7	69	3.4%	261.1	382
21239	5,134	0	0.0%	0.0	1	0.1%	19.5	1	0.0%	19.5	5,134
21244	32,957	101	12.4%	306.5	115	9.7%	348.9	216	10.8%	655.4	152
21286	19,561	15	1.8%	76.7	18	1.5%	92.0	33	1.6%	168.7	592



Missing <sup>e</sup>		13			12			25			
BALTIMORE COUNTY TOTAL	785,830	830	100.0%	105.6	1,199	100.0%	152.6	2,029	100.0%	258.2	387

- a Population is extrapolated from the 2000 Census by ZIP and the July 1, 2007 Census Population Estimates by county
- b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported
- c Rate is number of cases per 100,000 population
- d Ratio is number of people per case (there was 1 case for every 387 people in Baltimore County)
- e Cases with missing jurisdiction were excluded from percent distributions

## Section VI – HIV and AIDS Case Diagnoses by Demographics, 2007

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/07-12/31/07 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/07-12/31/07 (Reported AIDS Diagnoses) as Reported by Name through 12/31/08

GENDER	Population <sup>a</sup>	Reported HIV Diagnoses <sup>b</sup>			Reported AIDS Diagnoses		
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>
Male	373,628	136	63.3%	36.4	61	67.0%	16.3
Female	412,202	79	36.7%	19.2	30	33.0%	7.3
GENDER TOTAL	785,830	215	100.0%	27.4	91	100.0%	11.6

RACE/ETHNICITY	Population <sup>a</sup>	Reported HIV Diagnoses <sup>b</sup>			Reported AIDS Diagnoses		
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>
Non-Hispanic White	525,828	46	21.4%	8.7	14	15.4%	2.7
Non-Hispanic Black	191,648	163	75.8%	85.1	73	80.2%	38.1
Hispanic	23,500	3	1.4%	12.8	2	2.2%	8.5
Other	44,854	3	1.4%	6.7	2	2.2%	4.5
Missing <sup>d</sup>							
RACE/ETHNICITY TOTAL	785,830	215	100.0%	27.4	91	100.0%	11.6

AGE AT DIAGNOSIS	Population <sup>a</sup>	Reported HIV Diagnoses <sup>b</sup>			Reported AIDS Diagnoses		
	No.	No.	%	Rate <sup>c</sup>	No.	No.	Rate <sup>c</sup>
<5 (Pediatric)	47,588	1	0.5%	2.1	0	0.0%	0.0
5-12 (Pediatric)	76,345	0	0.0%	0.0	0	0.0%	0.0
13-19	76,427	7	3.3%	9.2	2	2.2%	2.6
20-29	101,884	42	19.5%	41.2	14	15.4%	13.7
30-39	102,969	48	22.3%	46.6	17	18.7%	16.5
40-49	120,474	69	32.1%	57.3	37	40.7%	30.7
50-59	108,386	39	18.1%	36.0	15	16.5%	13.8
60+	151,757	9	4.2%	5.9	6	6.6%	4.0
AGE TOTAL	785,830	215	100.0%	27.4	91	100.0%	11.6

a Population is from the July 1, 2007 Census Population Estimates

b During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years

c Rate is number of cases per 100,000 population

d Cases with missing race/ethnicity were excluded from percent distributions

## Section VII – Living HIV and AIDS Cases by Demographics, Alive on 12/31/2007

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

GENDER	Popu- lation <sup>a</sup>	Living HIV Cases without AIDS <sup>b</sup>			Living HIV Cases with AIDS			Total Living HIV Cases <sup>b</sup>			
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	Ratio <sup>d</sup> (1 in X)
Male	373,628	490	59.0%	131.1	803	67.0%	214.9	1,293	63.7%	346.1	288
Female	412,202	340	41.0%	82.5	396	33.0%	96.1	736	36.3%	178.6	560
GENDER TOTAL	785,830	830	100.0%	105.6	1,199	100.0%	152.6	2,029	100.0%	258.2	387

RACE/ ETHNICITY	Popu- lation <sup>a</sup>	Living HIV Cases without AIDS <sup>b</sup>			Living HIV Cases with AIDS			Total Living HIV Cases <sup>b</sup>			
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	Ratio <sup>d</sup> (1 in X)
Non-Hispanic White	525,828	259	31.2%	49.3	376	31.4%	71.5	635	31.3%	120.8	828
Non-Hispanic Black	191,648	547	66.0%	285.4	778	64.9%	406.0	1,325	65.3%	691.4	144
Hispanic	23,500	14	1.7%	59.6	30	2.5%	127.7	44	2.2%	187.2	534
Other	44,854	9	1.1%	20.1	15	1.3%	33.4	24	1.2%	53.5	1,868
Missing <sup>e</sup>		1						1			
RACE/ ETHNICITY TOTAL	785,830	830	100.0%	105.6	1,199	100.0%	152.6	2,029	100.0%	258.2	387

AGE ON 12/31/07	Popu- lation <sup>a</sup>	Living HIV Cases without AIDS <sup>b</sup>			Living HIV Cases with AIDS			Total Living HIV Cases <sup>b</sup>			
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	Ratio <sup>d</sup> (1 in X)
<5 (Pediatric)	47,588	3	0.4%	6.3	0	0.0%	0.0	3	0.1%	6.3	15,862
5-12 (Pediatric)	76,345	2	0.2%	2.6	0	0.0%	0.0	2	0.1%	2.6	38,172
13-19	76,427	23	2.8%	30.1	8	0.7%	10.5	31	1.5%	40.6	2,465
20-29	101,884	131	15.8%	128.6	62	5.2%	60.9	193	9.5%	189.4	527
30-39	102,969	191	23.0%	185.5	240	20.0%	233.1	431	21.2%	418.6	238
40-49	120,474	286	34.5%	237.4	518	43.2%	430.0	804	39.6%	667.4	149
50-59	108,386	141	17.0%	130.1	288	24.0%	265.7	429	21.1%	395.8	252
60+	151,757	53	6.4%	34.9	83	6.9%	54.7	136	6.7%	89.6	1,115
AGE TOTAL	785,830	830	100.0%	105.6	1,199	100.0%	152.6	2,029	100.0%	258.2	387

a Population is from the July 1, 2007 Census Population Estimates

b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

c Rate is number of cases per 100,000 population

d Ratio is number of people per case (there was 1 case for every 387 people in Baltimore County)

e Cases with missing race/ethnicity were excluded from percent distributions

## Section VIII – Total Living HIV Cases by Expanded Demographics, Alive on 12/31/2007

Male Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

MALES						
AGE ON 12/31/07		RACE/ETHNICITY				TOTAL MALES BY AGE <sup>a</sup>
		Non-Hispanic White	Non-Hispanic Black	Hispanic	Other	
<13 (Pediatric)	Population <sup>b</sup>	35,791	19,467	2,942	5,056	63,256
	Cases <sup>c</sup>	0	1	0	0	1
	Rate <sup>d</sup>	0.0	5.1	0.0	0.0	1.6
	Ratio (1 in X) <sup>e</sup>	---	19,467	---	---	63,256
13-19	Population <sup>b</sup>	23,874	11,188	1,201	2,203	38,466
	Cases <sup>c</sup>	4	14	0	0	18
	Rate <sup>d</sup>	16.8	125.1	0.0	0.0	46.8
	Ratio (1 in X) <sup>e</sup>	5,968	799	---	---	2,137
20-29	Population <sup>b</sup>	31,123	13,165	2,356	3,085	49,729
	Cases <sup>c</sup>	22	90	2	1	115
	Rate <sup>d</sup>	70.7	683.6	84.9	32.4	231.3
	Ratio (1 in X) <sup>e</sup>	1,414	146	1,178	3,085	432
30-39	Population <sup>b</sup>	29,137	13,321	2,590	4,054	49,102
	Cases <sup>c</sup>	74	146	9	6	236
	Rate <sup>d</sup>	254.0	1,096.0	347.5	148.0	480.6
	Ratio (1 in X) <sup>e</sup>	393	91	287	675	208
40-49	Population <sup>b</sup>	39,427	13,358	1,550	3,143	57,478
	Cases <sup>c</sup>	208	309	11	6	534
	Rate <sup>d</sup>	527.6	2,313.2	709.7	190.9	929.1
	Ratio (1 in X) <sup>e</sup>	189	43	140	523	107
50-59	Population <sup>b</sup>	38,797	9,507	841	2,192	51,337
	Cases <sup>c</sup>	103	175	11	5	294
	Rate <sup>d</sup>	265.5	1,840.7	1308.0	228.1	572.7
	Ratio (1 in X) <sup>e</sup>	376	54	76	438	174
60+	Population <sup>b</sup>	53,216	7,928	801	2,315	64,260
	Cases <sup>c</sup>	47	47	0	1	95
	Rate <sup>d</sup>	88.3	592.8	0.0	43.2	165.5
	Ratio (1 in X) <sup>e</sup>	1,132	168	---	2,315	604
TOTAL MALES BY RACE/ ETHNICITY	Population <sup>b</sup>	251,365	87,934	12,281	22,048	373,628
	Cases <sup>c</sup>	458	782	33	19	1,293
	Rate <sup>d</sup>	182.2	889.3	268.7	86.2	346.1
	Ratio (1 in X) <sup>e</sup>	548	112	372	1,160	288

a Includes missing race/ethnicity

b Population is from the July 1, 2007 Census Population Estimates

c During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

d Rate is number of cases per 100,000 population

e Ratio is number of people per case (there was 1 case for every 288 males in Baltimore County)

**Female Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08**

FEMALES						
AGE ON 12/31/07		RACE/ETHNICITY				TOTAL FEMALES BY AGE <sup>a</sup>
		Non-Hispanic White	Non-Hispanic Black	Hispanic	Other	
<13 (Pediatric)	Population <sup>b</sup>	33,959	18,906	2,834	4,978	60,677
	Cases <sup>c</sup>	0	4	0	0	4
	Rate <sup>d</sup>	0.0	21.2	0.0	0.0	6.6
	Ratio (1 in X) <sup>e</sup>	---	4,726	---	---	15,169
13-19	Population <sup>b</sup>	23,397	11,326	1,082	2,156	37,961
	Cases <sup>c</sup>	2	11	0	0	13
	Rate <sup>d</sup>	8.5	97.1	0.0	0.0	34.2
	Ratio (1 in X) <sup>e</sup>	11,698	1,029	---	---	2,920
20-29	Population <sup>b</sup>	31,102	15,487	1,932	3,634	52,155
	Cases <sup>c</sup>	16	56	4	2	78
	Rate <sup>d</sup>	51.4	361.6	207.0	55.0	149.6
	Ratio (1 in X) <sup>e</sup>	1,943	276	483	1,817	668
30-39	Population <sup>b</sup>	30,532	17,262	2,098	3,975	53,867
	Cases <sup>c</sup>	60	133	2	0	195
	Rate <sup>d</sup>	196.5	770.5	95.3	0.0	362.0
	Ratio (1 in X) <sup>e</sup>	508	129	1,049	---	276
40-49	Population <sup>b</sup>	41,706	16,605	1,408	3,277	62,996
	Cases <sup>c</sup>	59	205	4	2	270
	Rate <sup>d</sup>	141.5	1,234.6	284.1	61.0	428.6
	Ratio (1 in X) <sup>e</sup>	706	81	352	1,638	233
50-59	Population <sup>b</sup>	41,325	12,628	848	2,248	57,049
	Cases <sup>c</sup>	28	105	1	1	135
	Rate <sup>d</sup>	67.8	831.5	117.9	44.5	236.6
	Ratio (1 in X) <sup>e</sup>	1,475	120	848	2,248	422
60+	Population <sup>b</sup>	72,442	11,500	1,017	2,538	87,497
	Cases <sup>c</sup>	12	29	0	0	41
	Rate <sup>d</sup>	16.6	252.2	0.0	0.0	46.9
	Ratio (1 in X) <sup>e</sup>	6,036	396	---	---	2,134
TOTAL FEMALES BY RACE/ ETHNICITY	Population <sup>b</sup>	274,463	103,714	11,219	22,806	412,202
	Cases <sup>c</sup>	177	543	11	5	736
	Rate <sup>d</sup>	64.5	523.6	98.0	21.9	178.6
	Ratio (1 in X) <sup>e</sup>	1,550	191	1,019	4,561	560

a Includes missing race/ethnicity

b Population is from the July 1, 2007 Census Population Estimates

c During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

d Rate is number of cases per 100,000 population

e Ratio is number of people per case (there was 1 case for every 560 females in Baltimore County)

## Section IX – HIV and AIDS Case Diagnoses by Exposure Category, Age, and Gender, 2007

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/07-12/31/07 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/07-12/31/07 (Reported AIDS Diagnoses) as Reported by Name through 12/31/08

ALL AGES ALL GENDERS EXPOSURE CATEGORY	Reported HIV Diagnoses <sup>a</sup>		Reported AIDS Diagnoses	
	No.	%	No.	%
Men who have Sex with Men (MSM)	52	38.0%	20	31.7%
Injection Drug Users (IDU)	23	16.8%	15	23.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	3	2.2%	2	3.2%
Heterosexual Exposure (HET)	57	41.6%	25	39.7%
Other Exposures	2	1.5%	1	1.6%
No Reported Exposure <sup>b</sup>	78		28	
TOTAL	215	100.0%	91	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) MALES EXPOSURE CATEGORY	Reported HIV Diagnoses <sup>a</sup>		Reported AIDS Diagnoses	
	No.	%	No.	%
Men who have Sex with Men (MSM)	52	59.1%	20	46.5%
Injection Drug Users (IDU)	12	13.6%	11	25.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	3	3.4%	2	4.7%
Heterosexual Exposure (HET)	21	23.9%	10	23.3%
Other Exposures	0	0.0%	0	0.0%
No Reported Exposure <sup>b</sup>	48		18	
TOTAL ADULT/ADOLESCENT MALES	136	100.0%	61	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) FEMALES EXPOSURE CATEGORY	Reported HIV Diagnoses <sup>a</sup>		Reported AIDS Diagnoses	
	No.	%	No.	%
Injection Drug Users (IDU)	11	22.9%	4	20.0%
Heterosexual Exposure (HET)	36	75.0%	15	75.0%
Other Exposures	1	2.1%	1	5.0%
No Reported Exposure <sup>b</sup>	30		10	
TOTAL ADULT/ADOLESCENT FEMALES	78	100.0%	30	100.0%

a During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years

b Cases with no reported exposure category were excluded from percent distributions

## Section X – Living HIV and AIDS Cases by Exposure Category, Age, and Gender, Alive on 12/31/2007

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

ALL AGES ALL GENDERS EXPOSURE CATEGORY	Living HIV Cases without AIDS <sup>a</sup>		Living HIV Cases with AIDS		Total Living HIV Cases <sup>a</sup>	
	No.	%	No.	%	No.	%
Men who have Sex with Men (MSM)	215	33.9%	327	34.7%	542	32.2%
Injection Drug Users (IDU)	155	24.4%	327	11.9%	482	28.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	14	2.2%	50	3.1%	64	3.8%
Heterosexual Exposure (HET)	230	36.2%	329	47.9%	559	33.2%
Other Exposures	21	3.3%	16	2.5%	37	2.2%
No Reported Exposure <sup>b</sup>	195		150		345	
TOTAL	830	100.0%	1,199	100.0%	2,029	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) MALES EXPOSURE CATEGORY	Living HIV Cases without AIDS <sup>a</sup>		Living HIV Cases with AIDS		Total Living HIV Cases <sup>a</sup>	
	No.	%	No.	%	No.	%
Men who have Sex with Men (MSM)	215	55.6%	327	46.1%	542	49.5%
Injection Drug Users (IDU)	82	21.2%	195	27.5%	277	25.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	14	3.6%	50	4.8%	64	5.8%
Heterosexual Exposure (HET)	67	17.3%	127	17.9%	194	17.7%
Other Exposures	9	2.3%	10	1.4%	19	1.7%
No Reported Exposure <sup>b</sup>	102		94		196	
TOTAL ADULT/ADOLESCENT MALES	489	100.0%	803	100.0%	1,292	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) FEMALES EXPOSURE CATEGORY	Living HIV Cases without AIDS <sup>a</sup>		Living HIV Cases with AIDS		Total Living HIV Cases <sup>a</sup>	
	No.	%	No.	%	No.	%
Injection Drug Users (IDU)	73	30.0%	132	38.8%	205	35.2%
Heterosexual Exposure (HET)	163	67.1%	202	59.4%	365	62.6%
Other Exposures	7	2.9%	6	1.8%	13	2.2%
No Reported Exposure <sup>b</sup>	93		56		149	
TOTAL ADULT/ADOLESCENT FEMALES	336	100.0%	396	100.0%	732	100.0%

- a During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported
- b Cases with no reported exposure category were excluded from percent distributions